



05-25-01

Docket No. P11599-US1

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6-12-01

2821

A.T.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Bruce E. Wilcox and Mark G. Douglas  
Filing Date: 3/22/00  
Serial No.: 09532922

Examiner: Maurice Carter  
Attorney Docket: 1280.00252  
Art Unit: 2821

For: MULTIPLE ANTENNA IMPEDANCE OPTIMIZATION

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

RECEIVED

JUN 6 2001

Technology Center 2600

**REVOCATION AND POWER OF ATTORNEY**  
**WITH STATEMENT UNDER 37 CFR 3.73 (b)**

TECHNOLOGY CENTER 2800

RECEIVED

MAY 31 2001

Ericsson Inc., a corporation, certifies that it is the assignee of the entire right, title and interest in and to the above-entitled U.S. patent application, and the invention disclosed therein, by virtue of the assignment from the inventor(s) to Ericsson Inc. recorded in the Patent and Trademark Office at Reel 010693, Frame 0297. A copy of the assignment is attached hereto.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, Ericsson Inc. is the assignee of the entire right, title and interest in the U.S. patent application identified.

Ericsson Inc. hereby revokes all previous Powers of Attorney and appoints:

David E. Bennett (Reg. No. 32,194), Larry L. Coats (Reg. No. 25,620), John R. Owen (Reg. No. 42,055), David D. Kallish (Reg. No. 42,706), Taylor M. Davenport (Reg. No. 42,466), Edward H. Green, III (Reg. No. 42,604), Michael D. Murphy (Reg. No. 44,958), each registered to practice before the United States Patent and Trademark Office and practicing as the firm of **COATS & BENNETT, P.L.L.C.**, and Stephen A. Calogero (Reg. No. 41,491), David K. Purks (Reg. No. 40,133), Kevin A. Sembrat (Reg. No. 36,673), Debra K. Stephens (Reg. No. 38,211), Mark C. Terrano (Reg. No. 40,200), and Dennis J. Williamson (Reg. No. 32,338).

as its attorneys and/or agent with full power to handle all matters before the U.S. Patent and Trademark Office.

Please address all future correspondence to David E. Bennett at Coats & Bennett, 1400 Crescent Green, Suite 300, Cary, North Carolina 27511. Address all telephone inquiries to David Bennett at (919) 854-1844.

The undersigned is empowered to sign this statement on behalf of the assignee.

Date: 5/11/01

  
\_\_\_\_\_  
David K. Purks  
Assistant Secretary and Associate  
General Patent Counsel

ASSIGNMENT

WHEREAS, Bruce Emerson Wilcox and Mark Gordon Douglas, hereinafter called "Assignors," have made the invention described in the United States patent application entitled MULTIPLE ANTENNA IMPEDANCE OPTIMIZATION, and each Assignor has executed the Declaration for said application on the same date that he executed this Assignment;

WHEREAS, Ericsson Inc., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 7001 Development Drive, Research Triangle Park, North Carolina 27709, hereinafter called the "Assignee", desires to acquire the entire right, title and interest of the Assignors in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals, reissues, reexaminations and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

Each Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or

any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:

3/16/2000

Bruce E. Wilcox

Bruce Emerson Wilcox

DATED:

3/16/2000

Mark Gordon Douglas

Mark Gordon Douglas

STATE OF North Carolina

)  
COUNTY OF Wake)

) ss.

I, PEGGY A. ROHM, A Notary Public in and for the County and State aforesaid, do hereby certify that Bruce Emerson Wilcox, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered said instrument as his free and voluntary act for the uses and purposes therein set forth.

16<sup>th</sup> IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of March, 2000.

Peggy A. Rohm  
Notary Public

(SEAL)

My Commission Expires: My Commission Expires 1-21-2003

STATE OF North Carolina

)  
COUNTY OF Wake)

) ss.

I, PEGGY A. ROHM, A Notary Public in and for the County and State aforesaid, do hereby certify that Mark Gordon Douglas, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered said instrument as his free and voluntary act for the uses and purposes therein set forth.

16<sup>th</sup> IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of March, 2000.

Peggy A. Rohm  
Notary Public

(SEAL)

My Commission Expires: My Commission Expires 1-21-2003